

Photo Records

Manchuria.

Sho~~o~~em.

China.

W. J. Morse.

U. S. Dept of Agriculture

W. J. Morse

Pictures -

Manchuria -

Korea -

China -

1930 -

Camera - 3" x 4" x 4" x 4"

Panorama

Urusan

40103A

Violin by Japs.

Korean song.

2 glasses

1 meal.

1 song

3 corn

1 cup.

1 vetch

1 burner

1 iris.

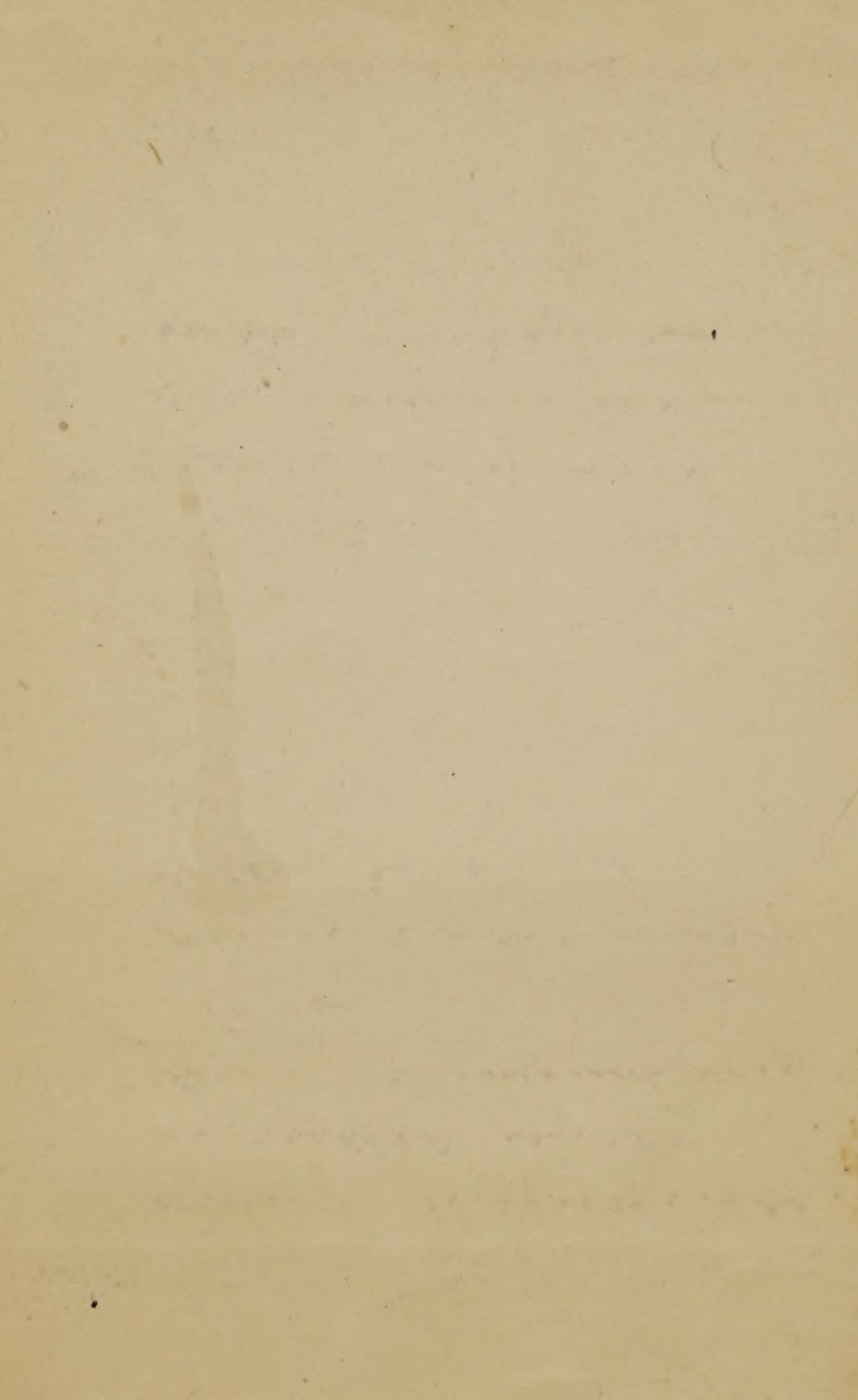
1 jupitel

1 dub.

1 wild song

1 aced.

1 cassia



Pack #1

- 1 - Showing Chinese carts
in walled city of
Chinchow, Manchuria.
6/19/30.
- 2 - Decorated gate in wall
of Chinese home in
Chinchow, Man., 6/19/30
- 3 - Chinese farmer cultivating
corn & soybeans with the
Manchurian plow & oxen
near, Chinchow Man., 6/19/30
- 4 - Rear view - of No. 3
- 5 - Manchurian farmer
with donkey as pack
animal, Chinchow, 6/19/30
- 6 - View of Chinese plow
(Hoandee) on wheel cart.
Near Chinchow, Man.
China. 6/23/30

Panorama # 1

① View looking across Seimouko River, Kokai, Heian Hokaido Prefecture, Korea. On opposite bank - *Goyssia juncea*. 6/27/30

② View looking up river Seimouko, Kokai, Korea showing general lay of land 6/27/30

③

Kokai, Korea. 6/27/30

④ View of Seimouko river and Kokai Village from bank of river opposite Kokai, Korea. 6/27/30

⑤ View showing mountainous region about Kokai on opposite bank of Seimouko river. Kokai, Korea. 6/28/30

7- ~~S. N. W. at 1000 ft. 1000 ft.~~
~~1000 ft. 1000 ft. 1000 ft.~~

~~1000 ft. 1000 ft. 1000 ft.~~

~~1000 ft. 1000 ft. 1000 ft.~~

Picture of Manchurian
farmer pulling mature
barley (naked) plants in
field about 2 miles from
Chinchon, Manchuria, 6/23/30.

8- Manchurian farmer
knocking dirt from roots
of plants of barley just
pulled - 2 miles from
Chinchon, Manchuria, 6/23/30.

9- View of Manchurian
farmer's family in barley
field, Manchuria,
Chinchon, 6/23/30.

Panorama #2.

- ① Looking towards the river.
from river bank across from
Kisun, Korea. 6/29/30
- ② Looking toward Kisin
Village from opposite
bank of river. Kisin.
Korea. 6/29/30
- ③ View of river section
in vicinity of Kisin.
Korea. Taken from hillside
looking north. 6/29/30
- ④ View across river showing
Korean village, cattle & horses on
Zoysein, and ferry. Hyokoken,
Korea. 6/30/30
- ⑤ Cultivating Zoysein at
2nd cultivation with plow
& hoes. Kungchulung. 7/2/30

- 10 - Picture of Margaret on
gumato roof hotel - sailing
boat. 6/23/30
- 11 - Picture of our head boisan
on roof of gumato Hotel
Dairen, Manchuria, 6/23/30
- 12 - Picture of Margaret on
gumato hotel roof -
Dairen, Manchuria. 6/23/30

PACK # 2 -

- ① View from ferry on Seimonko
river showing ferry landing
on Kokai side, Kokai, Korea. 6/26/30
- ② View showing view of Joryia
juncus sod on river bank opposite
Kokai river bank, Kokai. 6/26/30
- ③ View showing Soryetake looking
at Joryia sod on river bank on

Panorama

3

- ① View showing Manchurian farm with Bldgs near Kungchuling. 7/2/30.
- ② View showing forage crop & per. plots on each side of road & Sda, Bldgs in background. Animal Husbandry Farm. Kungchuling. Manch. 7/3/30
- ③ View showing general view of experimental forage & grain crop plots of Animal Husband Farm. Kungchuling. 7/3/30
- ④ View of field of soy beans on farm near Kanyuan. Manch. 7/5/30. Being cultivated for 2nd time
- ⑤ General view of farming section in Kanyuan District, with field of soy beans in foreground. Manchuria, 7/5/30

other side from Kokai. 6/26/30

④ View showing down the
river from Kokai bank.
Kokai, Korea. 6/26/30

⑤ View showing Korean
women washing clothes on
rocks. River bank, Kokai
Korea. 6/26/30

⑥ Close-view (15ft) showing
Korean women washing
clothes on Seimonkornish
bank. Kokai, Korea. 6/26/30

⑦ View of street scene during
Korean market day - showing vegetable
cabbage, radish, etc. Kokai, Korea. 6/27/30

⑧ Grain merchant. Korean Market Day
Soybeans. Kokai, Korea. 6/27/30

⑨ Street scene showing merchants
selling different things on market
day - Kokai, Korea. 6/27/30.

Panorama #4.

- ① View of corn & soybeans - 3 rows corn. 2 soybeans.
Nangzen, Manchuria. 7/28/30
- ② Soybeans & corn. Beans planted between hills of corn
Nangzen, Manchuria. 7/28/30
- ③ View of a field of Italian millet on farm of S. M. Ry
Exp. Sta. Hsingyaocheng.
Manchuria. 7/29/30.
- ④ View of soybeans planted in mulberry plantation for green manure on S. M. Ry
Exp. Sta. Hsingyaocheng. 7/29/30
- ⑤ View of variety plots of soybeans on S. M. Ry. Exp. Sta.
at Hsingyaocheng. Man.
7/29/30. Some standing in plot of Moshito
or

⑩ View showing grain merchant
on market day, soybeans, millet,
Kokai, Korea. 6/27/30

⑪ View showing grain merchant
(corn) and other products on
market day, Kokai, Korea. 6/27/30

⑫ View showing Korean boys
helping gather ginseng seed on
bank of Seimonko river, opposite
Kokai, Korea. 6/27/30

Film Pack, "3

① View from valley in mtn.
looking toward Kokai, Korea.
6/28/30

② Sugeetake holding bunch of
Korean lilies (brilliant orange)
gathered on mountain side. 6/28/30

③ Close-up view of lilies (Korean
gathered on mtn. sides near
Kokai, Korea. 6/28/30

Panorama # 5.

① View showing field of
soybeans & corn. Rows 21
in. apart. Corn hills - 42
in. apart with drills of soy-
beans between.

Heinungyachung, Man. 7/30/30

② View showing field of
corn and soybeans planted
in alternate rows. Rows
21 in. apart. Corn planted
May 1, Beans planted 6/1/30.
Heinungyachung, Man. 7/30/30

③ View of soybeans grown
in pear orchard for
green manure purposes.
S.M. Ry. Expt. Sta.
Heinungyachung.
Manchuria, 7/31/30

④ Looking Toward Kokai, Korea
showing village and surrounding
country from mountain side
Kokai, Korea. 6/28/30

⑤ Looking up Seimonko river
valley looking in Kokai. from
intr. side. Kokai, Korea. 6/28/30

⑥ View of ancient gate at
entrance to Kokai, Korea.
showing old Korean architecture
Kokai, Korea. 6/28/30.

⑦ View showing Koreans sawing
logs into inch boards. at
ferry landing. Kokai, Korea.
6/28/30

⑧ Korean women with jars
of spring water on their heads.
just coming aboard the river
ferry for Kokai. Kokai
Korea. 6/28/30

Panorama #6.

2. View showing general
view of fields of millet,
corn & running beans
near
8/15/30 -

① View showing green
maize plots of soybeans
alfalfa, and wheat in
orchard at Exer. Sta.
Chinchor. 8/15/30

③ View of field of corn
& running beans in same
row. Rows 21 in. apart
Beans and corn in alternate
rows, 21 in. apart, 8/15/30
Near

⑨. Showing Goyesia seed
along bank of river at
Kisen, Korea. 6/29/30

⑩. Showing Snyetake with
Korians picking Goyesia seed
along river bank & also the
seed. Kisen Korea. 6/29/30

⑪. View of Korean farmer
with plow & ox used
in cultivating corn & soybeans
Kisen, Korea. 6/29/30

⑫. View showing Korean
farmer cultivating corn
& soybeans. Kisen, Korea. 6/29/30

Film Pack 4

①- Showing Korean women
hoeing corn & soybeans with
short handled hoe. Near
Kisen, Korea. 6/29/30

Panorama *7

① Panorama of area 8
Soybean field with small
cotton, soybean, buckwheat,
wheat, corn, etc. in flower.
Kosai, Utsunomiya, 1/26/30

② Shown in foreground
adzuki & buckwheat field. Buck
700. Sown in edge of
Kochi & adzuki field.
to left - corn & soybean.
China. Shown. 1/27/30.

③ General view of large
soybean field in
fore ground.
about 10 miles north
China.

② View showing house on fire in Korean village near Kisen, Korea. 6/29/30

③ View of cars of soybean seed passing through the Kungchuling Sta. Manchuria July 2, 1930.

④ View of increase plot of soybeans on ridged rows - 28 in. apart. This width of row used further north by Manchurian farmers. Kungchuling Exp. Sta. Kungchuling, Manchuria, July 2, 1930.

⑤ View of Manchurian farmers hoeing soybean at 2nd cultivation. Kungchuling, July 2, 1930.

⑥ Manchurian farmers 2nd cultivation of soybeans. Kungchuling, July 2, 1930

Panorama # 8,

① General view of farm
section in Senkyori
section east of Higo, 9/1/30
(2 exposures)

② View of soybeans &
millet in dotted
system, 9/1/30.

③ General view of farm
section near
showing millet, soybeans,
barley & sugar beets
9/2/30

(7) View showing cultivating
soybeans at 2nd cultivation
with narrow shovel plow.
Kungchuling, July 2, 1930

(8) View showing hedges with
soybeans to prevent crows or
hens from eating bean plants
the Chinese farm near Kung-
chuling. 7/2/30

(9) Chinese farmer cultivating
soybeans at 2nd cultivation
on farm near Kungchuling,
Manchuria. 7/2/30

(10) View of "Dozo" our vesan
at the ~~temple~~
Kungchuling Manchuria 7/2/30

(11) View of "Dozo" holding the
handlady's baby. Mother standing
at side, Kungchuling -
Manchuria. 7/2/30

Panorama #9.

- ① View of soybeans and
kavliang growing along
edges of rice paddy
west of Keijo, Chosen.
9/3/30
- ② View of field of soybeans
and buckwheat. Hills
of buckwheat are planted
at varying intervals
along side of soybean rows.
Taikiei, Chosen. 9/5/30.
- ③ View of animal market
day. West Keijo. 9/8/30

(2) Manchurian Vetch - *V. amurensis* on
Kungchuling Sta. Cut twice a year
for hay. 7/3/30 - Animal Husband.
Farm. Planted in 1927

Film Pack # 5

- (1) Mongolian vetch planted in 1927.
(*V. sp.*) Cut twice a year. Kung-
chuling Sta. Animal Husband. Farm. 7/3/30
- (2) View of plot of alfalfa for
seed purposes on Exper. Farm of
Animal Husb. Kungchuling. 7/3/30
- (3) View showing open storage
of haybarns in S.W. Ry.
Yards at Kungchuling 7/2/30
- (4) Picture of "Boys" (Otake-san)
and, Kungchuling
Manchuria. 7/2/30
- (5) Nearby view of hay ground at end
of row of haybarns built to keep the
cattle out. Harbin, Manch. 7/3/30

Panorama #10.

- ① View of soybean field looking crosswise showing arrangement of soybeans - 10 feet apart.
Sharon exp. Sta. 9/10/30.
- ② View of soybean variety test at Sharon exp. Sta.
Sharon. 9/10/30 - 208 varieties.
- ③ General view of farm section about 2 miles west of Kings. The chief fields are Kankakee, with many beans, adzuki & mung, buckwheat, mung & adzuki.
Kings. Crown 9/11/30.

- ⑥ View of soybean field near
Kariyuan Man. 7/5/30. Plants
about 16 in. high & in bloom. B
- ⑦ View in hold of English
boat "Achilles" showing
the filling of oil tanks by
juge. Tank holds 850 ^{gals} ~~stons~~
and takes 4 hours. To fill
Damen Oil Pier. 7/12/30
- ⑧ Same as No. 7. with
different opening.
Damen, Manchuria. 7/12/30
- ⑨ Same as No. 7. only at
slightly different angle.
Damen, Manchuria. 7/12/30
- ⑩ Unloading soybeans from
Japanese boat at Damen
Wharf. Beans have been bwt
from Ninghsia, Man.
7/12/30

Panorama #11

2. View of Market Day
at Chinha, Korea. 9/15/30
showing grain section

1. General view of the Heigo
Golf Club course near
Jidori. Chosen. 9/12/30

3. General view of my frame
in a farming section near
Ritsuri. Chosen. 9/10/30

(11) Unloading soybeans at
Darien Wharf for storage.
Beans from Yungken.
Darien. 7/12/30

(12) - General view of loading
soybeans from Japan
boat at Darien Wharf.
Beans from Yungken.
Darien. 7/12/30

Film Pack # 6

(1) Loading soybean oil
cake on Japanese freight.
Darien Wharf. 7/12/30

(2) Loading soybean oil cake
on Japanese freight at
Darien Wharf. 7/12/30.

(3) View showing barge loads of bean
cake unloaded in S. M. Ry. S. Yards.
Darien, Manchuria. 7/12/30

Panorama #12

- ① Panorama of soybean
milled field - with mounds
cut. Piles of compost to
be placed in furrows for
barley planting, near
Uruma. 9/25/30
- ② Panorama of harvesting
soybeans on farm near
Ritsuri. Uruma. 9/26/30
- ③ View of Korean farmers
plowing field and
planting wheat near
Ritsuri. 9/26/30

(4) Another view of soybean oil cakes
being unloaded & stacked in open
storage, S. M. Ry. yards 7/12/30

(5) Closing view of unloading soy-
bean cakes & stacking in open
storage in S. M. Ry. yards, 7/12/30

(6) Donkey picking alfalfa seed
on Chinchoru wall. 7/17/30.

(7) Pkin of loading bean
cakes on Japanese boat.
Darien. 7/19/30.

(8) View of coolies loading
bags of beans on Japanese
boat. Darien. 7/19/30

(9) View of Donkey & Snyetake
by wagon load of bean
cakes at warehouse. Unloading
bean cakes in Wharf
warehouse - Darien
7/19/30

Panorama #13. (3)

1. General view of rice
section about 2
miles from Wnter.
Chosen, 9/28/30

2. General view of paddy
rice section near
Wnter. Chosen, 9/28/30

3. General view of farming
section, Teishu, Chosen.
9/28/30

(10) - Picture of one of our
boys at the Yamato
Hotel, Dairen, 7/23/30

(11) View of signature mtn.
on roof garden of the
Yamato Hotel, Dairen,
Manchuria, 7/23/30

(12) View of mountain scene
on Roof Garden of
Yamato Hotel, Dairen, 7/23/30

Film Pack #7

1. - Photo of field of millet.
(*Setaria glauca*) along river
near Manchuria, 7/24/30
2. - Plain of corn and soy bean field
on Chinese farm about 4 miles
in valley from 7/24/30. Rows
are 2 1/2 inches apart. The

Panorama #14. (5)

2. Chinese farmers cutting
sorghum near Kaiyuan
Manchuria. 10/1/30
3. View of ^{field of} standing
mature sorghum near
Kaiyuan. 10/1/30
4. Putting sorghum in
form. Kwantung cookies
1. View of stacks of sorghum
in Manchurian farm yard
near Kaiyuan. 9/30/30
5. Pulling roots & stubble
of sorghum for winter
fuel. Kaiyuan. 10/1/30

corn plants are 42 in. apart
and the bean hills (5-7 plants)
are midway between the
corn hills.

3- View of another section
of the above field. The bean
plants are in full bloom.

4- Blank -

5. Shia-chia-ho-tzu
7/25/80

6. Shia-chia-ho-tzu
7/25

Panorama ²⁴ 15,

- 1- View of sugarcane stacks
in threshing yard of
Chun's Farm. 10/3/30
2. View of large field of
sugarcane in small
brush in field near
Kungshing. 10/3/30
- ③- Looking westward
sugarcane & trees.
Kungshing. 10/3/30.

7. Shia-chia-ho-tzu
7/25/30

8. Shia-chia-ho-tzu
7/25/30

9. Shia-chia-ho-tzu
7/27/30

10. Shia-chia-ho-tzu
7/27/30

11. Margaret on beach
at Shia-chia-ho-tzu
7/25/30

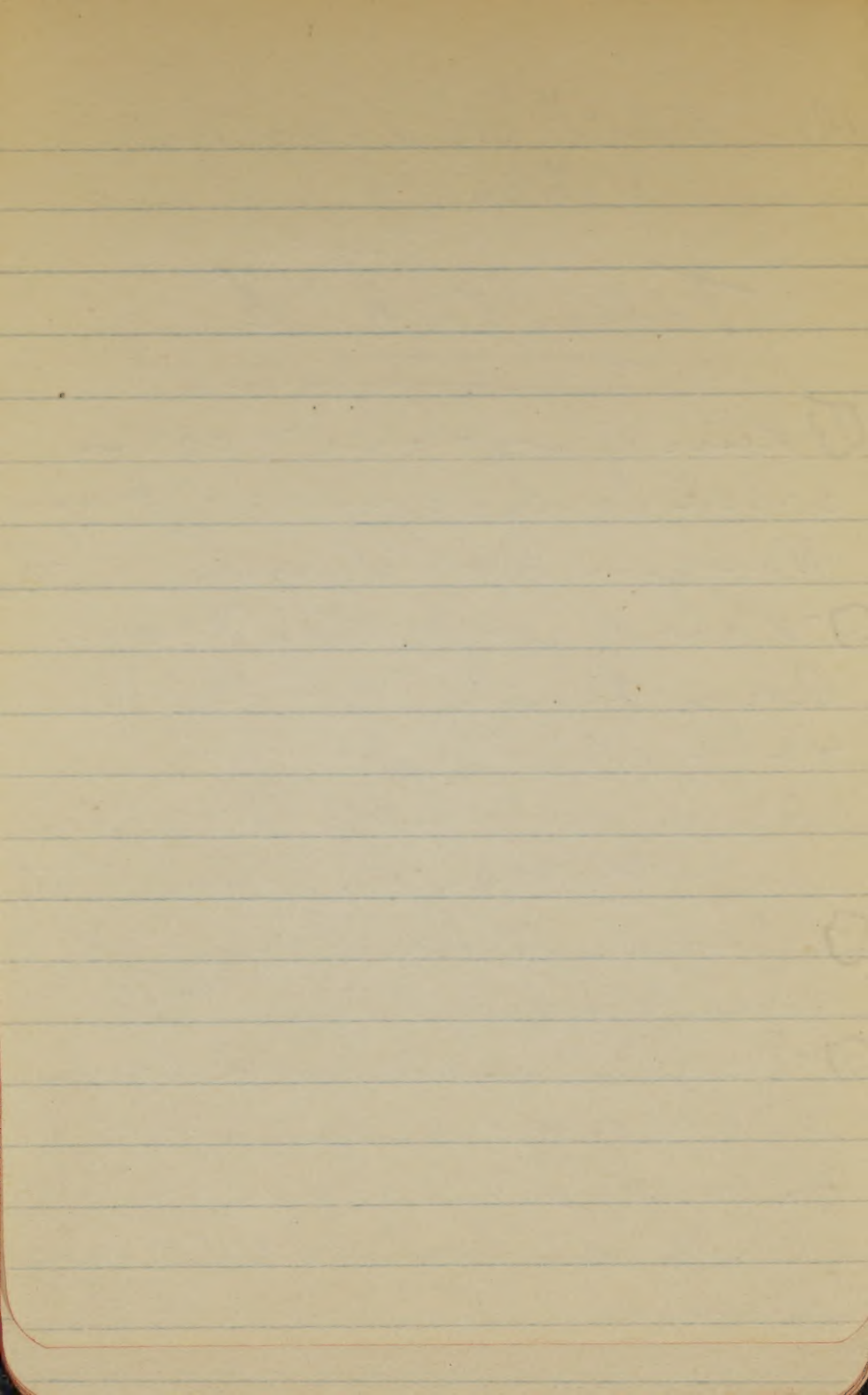
Panorama #16

- 1 - View clearing many
benches on the clearing
from Nanyunba Village.
10/11/30
- 2 - View in field of
trading on bench -
near Nanyun - 10/11/30
- 3 - View of field - showing
picking up stalks &
leaves by Chinese
women & children on
field. Nanyun. 10/11/30

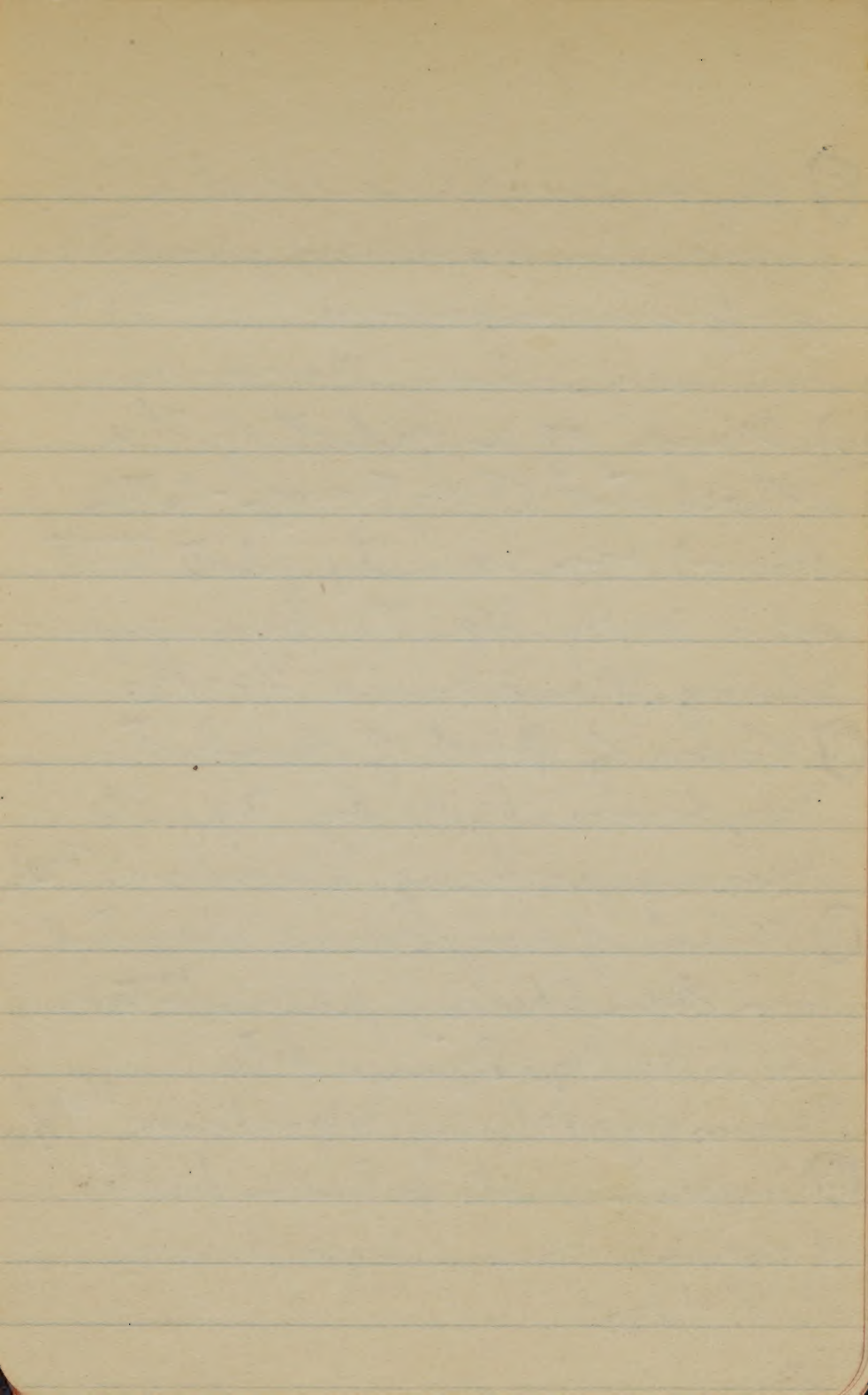
12. S'ia-chia-ho-tzu
7/28/30.

Film Pack. #8

- ① View of soybeans & corn.
3 rows corn - 2 rows of beans
Nangzen, Manchuria. 7/28/30
- ② - View of soybeans & corn.
Beans - 21 in., corn hills
42 in., Beans planted
between corn hills - 6-10 plants
per hill. Nangzen, Man. 7/28/30
- ③ Wheat thinned field 2 in.
near Nangzen Man. 7/28/30 2 in.
- ④ - Corn in rows with corn.
21 in. rows, corn hill
42 in. apart, corns - 2-3
plants between hills of corn.
Nangzen, Manchuria. 7/28/30



5. Soybeans - 21 in. rows -
grown in mulberry plantation
for green manure. 7/29/30
Hsingyaocheng, Manchuria.
6. View of a plot of the
Moshito (For Forage - Cattle
bean) on variety plot test
at S. M. Ry. Exp. Sta. Hsingyao-
cheng, Manchuria. 7/29/30
7. View of Plot of Moshito
soybean, S. M. Ry. Exp. Sta.
Hsingyaocheng, Manchuria. 7/29/30
8. View of soybeans planted
in mulberry plantation
on S. M. Ry. Exp. Sta.
Hsingyaocheng, Manchuria. 7/29/30
9. Soybean hills between hills
of corn. Hsingyaocheng.
7/31/30



⑨ Margaret in yard in
front of door, Hsingyaocheng
7/30/31

⑪ View of soybeans & corn in
alternate rows (21 in. apart),
Corn planted in May 1 and
beans planted June 1,
Hsingyaocheng, Manchuria, 7/30/31

⑫ Margaret & Susan in
front of door at
Hsingyaocheng,
Manchuria, 7/30/30

Film Pack #9

① View of Chinese farm home
and yard of middle
class farm in Chinese village
near Hsingyaocheng,
Manchuria 7/30/30

T-Disk Pack #35

1. Flailing out corn on
dirt threshing floor - at
Shanshurlio. 10/15/30
2. Rolling out sorghum - Chokatom
3. " " " "
4. Corn of floor threshing "
- 5.

2. View of street in walled city near Hsingyacheng Manchuria. 7/30/31

3. View of flailing and alfalfa seed on grounds of S. M. Ry. Expr. Sta. Hsingyacheng. Manchuria. 7/31/30.

4. Close-up view of flailing and alfalfa seed on S. M. Ry. Expr. Sta. Hsingyacheng. Manchuria. 7/31/30.

5. View of soybeans in pear orchard for green manure. S. M. Ry. Expr. Sta. Hsingyacheng. Manchuria. 7/31/30.

6. View of soybeans growing in pear orchard for green manure purposes. S. M. Ry. Expr. Sta. 7/31/30 Hsingyacheng. Manchuria.

⑨ Hogs feeding on any corn
field after plant has
been removed.
Nangun. 10/11/20

⑩ Women & children
gathering leaves & sticks to make
brooms for cents fuel
Nangun. 10/11/20

⑪ - implements used
in clearing any corn

⑫ Sowing on threshold,
floor ready for threshing
Nangun. 10/11/20

⑦ Loading German boat
Preussen with 3500 tons of
soybeans at Dairen Wharves.
Dairen, Manchuria.
8/2/30

⑧ Loading German boat
"Preussen" with 3500 tons
soybeans at Dairen.
Wharves, Dairen, Manchuria.
8/2/30

⑨ Soybean oil cakes
in Wharf warehouse
at Dairen Wharves.
Dairen, Manchuria.
8/2/30

⑩ Loading a Dutch
boat with soybeans for
export to Java for
manure purposes.
Dairen, Manchuria. 8/2/30

Films Pack #33

Films Pack #34

- ① Measuring sorghum
Nanyang 10/11
- ② - Measuring & stacking
sorghum - Nanyang 10/11
- ③ Close-up of measuring
sorghum.
- ④ Native plants on
side of threshing ground
- ⑤ - Sorghum heads stacked
on side of threshing
floor - Nanyang
- ⑥ Sorghum stacked on
edge of threshing
- ⑦ - Carrying away pods - thresh-
ing machine, stalks baskets
Nanyang. Used for feeding
- ⑧ - Cleaning using corn
Nanyang 10/11/36

⑪. Loading freight
cars and loading Dutch
freighters with soybeans.
Dairen. Wharves. Dairen
Manchuria. 8/2/30

⑫ Loading Dutch freighters
with soybeans.
Dairen. Wharves. Dairen
Manchuria. 8/2/30.

Film Pack #10.

① Soybeans in peach orchard
for green manure.
Daiboshin. Man. 8/4/30

② Peanuts grown in young
pear orchard - Chumien. 8/7/30

③ Close-up of plants of Desmodium
sp. in flower. On hill. and 4
miles from Chumien. 8/7/30

⑦ Cutting Mosquitoes say
grass between hills
of corn. South of Chincha
10/7/30

⑧ w. M cutting say
along with Chinese cook &
friends. Chincha. 10/7/30

⑨ - Placing say
the thrusting in
preparation for thrusting
Nagzambai, Village. 10/10/30

⑩ Manchurian farmer
with the wooden fork
Nagzambai. 10/10/30

④ Scene at Kakakashi
Beach, Shichia no Tzu,
8/10/30

⑤ - Scene at Kakakashi
Beach. 8/10/30

⑥ Two coolies playing Chinese
checker game with soybean
seed on floor in bean
warehouse. Dairen Wharves.
Dairen. 8/11/30

⑦ Field of sorghum about 12 feet
high in Chinese farm north
of Chinchin. About 10% of
heads have earrot. 8/13/30

⑧ Field of soybeans & corn
showing hills of beans
between hills of corn
north of Chinchin over
farm 8/13/30

Pack #32

1. Many beans & soybeans in corn field. Pods have pulled & placed in piles. North of Chinchon 10/7/30
2. Soybeans on threshing floor ready for threshing near Chinchon. 10/7/30
3. Cleaning soybeans on threshing floor near Chinchon. 10/7/30
4. General view of threshing yard & floor. Chinchon 10/7/30
5. Sacking cleaned beans on threshing floor near Chinchon. 10/7/30. Green beans for cooking.
6. Loading empty beans south of Chinchon. 10/7/30

- (9) View of Chinese farm
village from yard
about 3 miles east of
Chinchon. 8/13/30
- (10) View of soybean field
on Chinese farm near
Chinchon. 8/13/30
- (11) Soybeans & corn in
same row in alternate
hills. Near Chinchon.
Mandarin. 8/13/30
- (12) Looking at an angle
of field of soybeans &
corn. Near Chinchon
Mandarin. 8/13/30.

Film Pack # 11

- (13) View of green manure plot
of soybeans - planted in July -
in apple orchard. 8/15/30 - Chinchon

10 - Corn straw in piles.
Used for fuel. Much
farmer use but not
in the field. Near
Mabotin. 10/7/30

11 - View of Ditcher's table
along stone wall near
north of church in
Chinese farm village.
10/7/30

12 - View of Ditcher's table
along stone wall in
Chinese farm village
north of church. 10/7/30

3. View of gate and city
wall of Chinchon, 8/15/30.

4. View of group of experiment
station men in yard of
Chinese Lunch Room where
we had lunch, 8/15/30 - Chinchon

5. View of field of young beans
and corn, growing in same
row but in alternate hills.
8/15/30

6. Plot of Sudan grass at
Expt. Sta. Chinchon
Manchuria, 8/15/30
66

4) View of field of water
any trees. Kungshuling.
10/3/30

5. Picture of house in
Kunming in room at night.
Taken at night.
Kungshuling. 10/3/30

6. View of corn cobs near
Makaton. Kun. 10/7/30

7 - Close up of corn cobs
in Chinese farm yard
near Makaton. 10/7/30

8 - Close up view of Manchurian
corn cobs. Taken in
room at night. Near
Makaton, 10/7/30

9 - Many bean trucking
near Makaton. 10/7/30

Film Pack 2/2

- ① *Melilotus* sp. in field near
Heigo, Chosen, 8/23/30. Yellow fls. Seed
just beginning to mature.
- ② Wild soybean in field near
Heigo, Chosen, 8/23/30. In full bloom.
Larger leaves & plants
- ③ Field of improved soybeans
for increase on Seed &
Nursery Farm of Heianando
Prefecture. Mr. Shirakura,
Director of the Farm and Mr.
Suyetake standing in the beans.
Heigo, Chosen, 8/23/30
- ④ Margaret & Nesan in hotel
garden. Heigo, Chosen, 8/24/30
- ⑤ Margaret & Nesan beside pond
in hotel garden. Heigo,
Chosen, 8/23/30

⑩ Loading soybean plants
on cart. Kungshuling
10/3/30

⑪ Loading soybean plants
on cart. Kungshuling
Mon. 10/3/30

⑫ Turning over land of
soybeans. Kungshuling

†
Pack # 31

1- Harvesting soybean
Kungshuling, 10/3/30

2- Close-up of machine
harvesting soybeans.
Kungshuling, 10/3/30

3- Close-up of farmer with
knife used in cutting
soybeans. Kungshuling,
10/3/30

Headquarters here of Chinese
army during China & Japan War.

- ④ Otomitsudai pavilion
viewing place - 600 years old.
Heijo, 8/24/30
- ⑤ View of surrounding hills
from Otomitsudai Pavilion
8/24/30 - Heijo.
- ⑥ View of river & pavilion
along river from above
pavilion 8/24 - Heijo
- ⑦ View of Otomitsudai
Pavilion - Marquis's Palace
Heijo, 8/24/30
- ⑩ Viewing pavilion called
Seiryutei above river
Saido, Heijo, 8/24/30
- ⑪ View of old crumbled gate along
Saido River 8/24/30
- ⑫ Fushikiri Pavilion on a
cliff where carried hanging here. This emperor
1000 years ago. Temple built back
year after moved to the pavilion.
Edo's Bldg. about here. Heijo, 8/24/30

Film Pack # 30.

1. Kaiguan - Margaret & Hachi
10/1/30

2. Margaret & Fulton
Kungchuling 10/2

3. " " " 10/2

4. Margaret - with Hachi
Kungchuling

5. Men

6

7. Soybean stacks in barn
yard King. 10/3

8. Railway trucking flour
for supplies

9. " " " "

Saishodai

Film Pack #13

- ① View of Otomikudai Pavilion from hillside of Saishodai Pavilion. 8/24/30 - Heigo.
- ② View of Otomikudai Pavilion Hill from Saishodai Pavilion, the highest point in the Botanda. Heigo. Chosen. 8/24/30
- ③ View of Saishodai Pavilion with Mangrove, Edna & Sny Lake standing at corner. Highest hill in Botanda section. Heigo. Chosen. 8/24/30
- ④ View of old gate near the Daido River, Heigo. Chosen. 8/24/30.
- ⑤ View of famous Daido River gate, Heigo, Korea. 8/24/30
- ⑥ View of famous Daido River gate, Heigo. Chosen 8/24/30

- 8- View of my tree roots
for fuel, Kariya 10/1/30
- 9- Pulling my tree roots
Kariya, 10/1/30
- 10- Pulling my tree roots
near Kariya, 10/1/30
- 11

⑦ View of the Shichiseimon
(Seven Star gate) gate. Supposed
to be about same age as the
Daidomon gate, over 500 yrs
old. Heigo. Chosen, 8/25/30

⑧ View of Kudzu vines drying
out. Used when dried in
making baskets & other
ornaments. Near Heigo
Chosen, 8/25/30

⑨ View of many beams in
front of Korean grain store
Heigo, 8/25/30.

⑩ Millet & soy beans, the
latter planted in rows
at alternate rows. Kosen.
Chosen, 8/26/30

⑪ - Millet & soy beans. The
millet harvested.
Kosen, Chosen, 8/26/30

Film Pack # 29

1. Stack of harvesting tools
curving on edge of threshold
from Kangjiam. 9/30/30.
2. Chinese farmer & his 2 sons
in front of stacks of soybeans
Kangjiam 9/30/30.
3. Chinese farmer cutting
soybeans near Kangjiam
10/1/30
4. Field of standing mature
soybeans near Kangjiam 10/1/30
- 5
- 6 Close up roots
7. General view

- (12) Buckwheat in rows
with adzuki beans in
same rows - some soybean
in row middles.

Deck 14.

- (1) View of soybean & millet field
with millet harvested. Korean
boy cutting off the millet heads.
Kosai, Chosen. 8/26/30
- (2) Roof garden. Gourds growing
on roof of Korean house
near Chuwa, Chosen. 8/27/30
- (3) Field of soybeans about
2 miles south of ~~Chuwa~~
Chuwa, Chosen. 8/27/30
- (4) Close up of adzuki beans
and buckwheat grown
together on ridge.
Chuwa, Chosen. 8/27/30

- ⑩ Stacks of sorghum plants
on side of threshold ground
near Kanyuan. 18 ft. high.
15 ft. diam. 9/30/30
- ⑪ Stack of sorghum by
threshold floor on far
near Kanyuan. 9/30/30
- ⑫ Close-up view of stone
roller used in threshing
sorghum. Near
Kanyuan, Man. 9/30/30

⑤ Field of soybeans & corn -
corn 8 ft. apart - Beans in
between. Rows 21 in. north
of Chirwa. Chirwa. 8/27/30

⑥ Soybeans & millet - soybean
rows 4 ft. apart in the
millet rows. 202 system
Chirwa. Chirwa. 8/27/30

⑦ Gravel field of soybeans
about 3 miles south of
Chirwa. Chirwa. 8/27/30

⑧ Field of kaolin & soybean
the kaolin. 4 ft. apart
with hills of soybeans
between. Chirwa.
Chirwa. 8/27/30.

⑨ General view of soybean
fields about 10 miles
north Chirwa. Chirwa
8/27/30

Film Pack #28

1. View of Mangabey stone
Elephant. Mubden. 9/29/30
2. Mubden - 9/29
3. Mubden - 9/29
4. Mubden, 9/29
5. Mubden, 9/29
6. Mubden 9/29
7. Mubden, 9/29
Entrance to Royal Tombs.
8. Mubden. 9/29 - Entrance
to Royal Tombs
- ① Bundles of sayu near
funerary near Kariyama
Mubden. 9/30/30

⑩ - Millet field with
soybean hills planted
about every 15 feet
apart in millet rows
about 12 miles north of
Chunwa. Chosen. 8/27/30

⑪ Millet field with
showing soybean hills
about every 15 ft apart
in millet rows. About
12 miles north of
Chunwa. Chosen. 8/27/30

⑫ Field of soybeans and
Kaoliang, Chunwa. Chosen.
Aug. 27, 1930

- ⑧ Heijo - Market Day
near Daidomon Gate
Showing shelled green
soybeans. 9/27/30
- ⑨ Market Day - Daidomon
Gate. Showing shelled
green soybeans and
adzuki beans. Heijo. 9/27/30
- ⑩ Korean farm woman with
shelled green soybeans and
adzuki beans & bundle of green
vegetable soybean plants. Heijo. 9/27/30
- ⑪ Chinese cabbage on
Korean Farmer Market Day
Heijo. Chosen. 9/27/30
- ⑫ Korean woman buying
soybean sprouts of Korean farm
woman at Market Day. Heijo
Korea. 9/27/30

Pack #15

- ① View of field of soybeans
and field of kashang
and soybeans about
12 miles north of Chikwa.
Chosen. 8/27/30
- ② View of Korean boy
grinding soaked mung
beans into paste for
making batter cakes. Chopped
garlic and red peppers
are added to the batter
and then fried like
pancakes. Heigo, Chosen.
8/28/30
- ③ Another view of the
above. 8/28/30
- ④ Neighboring bags of soybeans
in ~~uninspected~~ Heigo
abuse. 8/30/30

① Closing of Korean corn in
wheel in furrow with feet
Ritsun 9/26/30

Film Pack 27,

- ① Closing in of Korean
with basket of mixed 9/26/30
compost soil & wheel.
planting handful. Ritsun
cutting heads off with
in farm yard near
Ritsun, 9/26/30 Chosen
- ② Soybean bundles in
farm yard near Ritsun
Chosen, 9/26/30
- ③ Breakfast rice 9/27
- ④ " " " 9/27
- ⑤ " " " 9/27
- ⑥ " " " 9/27

- ⑤ Measuring by dry measure bags of raybun on bank in night. Inspection same. Heigo. 8/30/30
- ⑥ Tying sacks of raybun after inspection. Daido River bank. Heigo. 8/30/30
- ⑦ Loading Korean boat on the Daido river with bags of raybun for shipment to Chirangyo. 8/30/30 - Heigo. chosen.
- ⑧ View of loading raybun on boat on Daido River. Heigo. chosen. 8/30/30
- ⑨ Cleaning raybun in Korean merchant's yard on Daido River bank. 8/30/30
- ⑩ - Inspectors grading raybun sample in merchant's yard on Daido River. 8/30/30 - Heigo.

- ① Korean farmers cutting soybeans. Ritsuri, 9/26
- ② Close-up of Korean women harvesting soybeans. Ritsuri, 9/26/30
- ③ Close-up view of Korean cutting a bushy, soybean plants. Ritsuri 9/26/30
- ④ Close-up of Korean boy with knife used in cutting & breaking soybeans.
- ⑤ Close-up view of pile of compost soil in which wheat has been buried 1 hand full is there down every 10 inches. 8-12 seed per handful. Ritsuri 9/26/30

- ⑪ Futar Gate - More than
900 yrs. old. Heijo. 8/30/30
- ⑫ Small blocks of bean
curd being sold by Korean
woman in Korean
market, Heijo. 8/30/30

Pack #16

- ⑬ Mung bean sprouts in
sauter pan in Korean
Vegetable store, Heijo. 8/30/30
- ⑭ View of stone images and
Tomb at Kishi. 800
years old. 8/31/30 Heijo
- ⑮ View as above from
another angle
- ⑯ View of Building entrance
to Kishi Tomb. in
Botan-dai. Heijo. 8/31/30

Film Pack #26

- ① View of Korean farmers
bunching mature soybean
plants for hauling to farm
house. Pitsani. Korea, 9/23/30
- ② Field of wing beans and
buckwheat; wing beans
mature. 9/23/30. Pitsani ^{Korea}
- ③ Field of perilla, soybeans
and sun-junseu. ^{Korea} 9/24/30
- ④ Field of perilla & sun
junseu. Korea. 9/24/30
- ⑤ View of field - soybean
& millet, China. 9/25/30
showing piles of soil for
fertilizing. To be planted to
barley.
- ⑥ Old Korean harvesting
soybeans. Pitsani
China 9/26/30

5) General View
of Botumdaei
Heijo
8/31/30

6) View of hills with pavilions
along the Daidsu river in
Botumdaei. Heijo. Chosen.
8/30/30

7) View of Korean Temple,
Saiyo Temple. Heijo
Chosen 8/31/30

8) Field of Soybeans & millet
in dot system. Millet just
being harvested. 9/1/30 - Heijo
9 - Blank.

9) - Soybeans & Soybeans.
Sankyori Dist. 9/1/30

10) Close up of Millet & Soy
beans. Sankyori Dist.
9/1/30

⑧ Penilla
~~Securine~~, ray from 8 sun
Tokosun, 9/20/30

⑨ Penilla 6 ray from - Bels.
Tokosun - 9/20/30

⑩ Dryness - upland rice.
dune between beds of
rice beds 12-15 ft wide - rice
hills 10 in. each way 9/20/30

⑪ View of cut loaded with
bundle of ray from plants
and getting and going
would be from here. Near
Pitani, Okla., 9/23/30

⑫ Closer view of above.
9/23/30

- ⑫ View of Aeschynomene indica
growing thickly in Sorghum
field. Senkyori Dist. 9/1/30

Film Pack #17

- ① View of dotted system of
hills & soybeans. Looking
down on field. Senkyori Dis.
9/1/30
- ② View of soybeans & corn
corn about 8 ft., 3 hills of soy
between. Senkyori. 9/1/30
- ③ Manager, Margaret and
our resans at Chosen
Ry. Heijo, Chosen 9/1/30
- ④ Manager, Margaret & resans
in hotel garden. 9/1/30/30
- ⑤ Picture of Margaret with resans
at Chosen Ry. Chosen -
Heijo. Chosen. 9/1/30

Film Packth 25.

- ① Korean with pack of green soybeans for green vegetable. Keijo. market. 9/19/30
- ② View of bundles of green vegetable soybeans in Keijo market. Keijo. 9/19/30
- ③ View of bundles of green vegetable soybeans at Keijo Market. 9/19/30
- ④ View of Korean grain market showing bags of soybeans. 9/19/30 - Keijo.
- ⑤ Buckwheat - in beds at Tokerson. 9/20/30 shown
- ⑥ Joe's tears & says - Tokerson Korea. 9/20/30 -
- ⑦ Soybeans & pepper - beds Tokerson 9/20/30

6. Koreans carting in millet
one of the chief food of the
Koreans. 9/2/30.

7. Soybeans grown in apple
orchard for hay. 9/2/30

8. General view of soybeans in
apple orchard for hay

9. Single plant of corn - unfertilized
- in Union Christian College
School Garden. Mr. Fritz.
9/3/30 - Heijo.

10. Plot of field corn in
School Garden. 9/3/30

11. Corn & sorghum fields
in School Garden.
9/3/30

12. View of soybeans and
kaoliang growing on edge
of rice paddy west of
Heijo. Chosen. 9/3/30

- ⑩ - Sorghum & sorghum - Ridge
 30 in. 4 rows of beans.
 Sorghum hills - 8 ft. apart
 5 to hill. Sorghum 2 rows
 planted when 2 ft. high.
 near Surgen 9/18/30 Beans
 hills 21 in apart
 9/18/30 - Surgen

- ⑪ - Sorghum, millet & sun
 near Surgen. 9/18/30

- ⑫ - View of Temple of Heaven
 through arch in Puy Hotel
 garden. Kyoto. China 9/19/30

Film Pack #18

- ① Kim of kaoliang and soybeans growing along rice paddy west of Hsiao. Chosen, Sept. 3, 1930
- ② Kim of soybeans & kaoliang growing along side of rice paddy west of Hsiao. Chosen. 9/3/30.
- ③ Mung beans & kaoliang in valley S.W. of Hsiao Chosen 9/5/30
- ④ Yardlong beans & kaoliang on edge of brush garden S.W. of Hsiao. 9/5/30
- ⑤ Wild soybean growing thickly along embankment S.W. of Hsiao. 9/5/30
- ⑥ Soybeans along edge of rice paddy. S.W. of Hsiao. 9/5/30

Field Pack #24.

- ① View of grain section -
Market Day - Chirwa. 9/15/30
- ② Chinese cabbage garden
in section west of Daido
River. 9/16/30
- ③ View of Ritsuri village
in valley. 9/16/30
- ④ - Susu (Kashim) stacked
in field for curing. West
of Ritsuri. 9/16/30
- ⑤ Boat loaded with Chinese
cabbage on Daido River. 9/16/30
- ⑥ - Plot of Urensan soybean
at Suigen Sta. 9/18/30
- ⑦ Plot of Kosho - water
cavity. Suigen. 9/18/30
- ⑧ Plot of Chotan variety ab
Suigen Sta. 9/18/30
- ⑨ Dr. Nagai with Harbison
at Suigen. 9/18/30

- ⑦ Soybeans & castor beans
grown together. Taihei. Chosen
9/5/30. 1 castor bean - very
30 in. and hill of soybeans
between castor plants. Rows
about 21 in. apart.
- ⑧. Same as above but
different view. 9/5/30
- ⑨. Field of soybeans & Buckwheat
near Taihei. Chosen. 9/5/30
- ⑩. Close up view of soybeans
& buckwheat. Near
Taihei. Chosen. 9/5/30
- ⑪. Soybeans & cucumbers
on bed. 5 ft. hill. Cucumbers
in center of bed & hills of
soybeans 5 ft. apart ^{on each side of} bed. Taihei.
- ⑫. Field of soybeans & millet
& soybeans. Millet harvested.
Taihei. Chosen. 9/5/30

Film Pack #23

1. - Cement silo near Rygori
Chosen. Corn silage. 9/13/30
2. View of manure cellar on
Korean farm. Near Rygori
Rygori, Chosen, 9/13/30.
- 3.

Film Pack #9,

- ① - View of street of miller
in miller & sugar bean field
Taipei, Chosen. 9/5/30
- ② - Sugar bean & melon field, Kato
house near Taipei, 9/5/30
- ③ - Margaret and some
of her Japanese playmates
in front of Hotel.
Keijo, 9/5/30
- ④ - The bathhouse of the dorm.
Keijo, Chosen, 9/5/30
5. Margaret, her room, and
playmates, Keijo, 9/5/30
- ⑦ - Making gran cakes out
of mung bean paste, and chopped
vegetables at small lunch stand
Keijo, Chosen. 9/6/30
- ⑧ - Selling young pigs at Market
Day. Pigs in rope baskets.
Keijo. 9/6/30

Amend

- (12). Silo on Korean farm
near Rygori. Chosen.
9/13/30 - 6 ft. deep. 5 ft. diam
wall - 3 in. wide. alfalfa

Notice

1. Green fee per capita

Day of competition 30 sen

Sunday or National Holiday 20 sen

Week day 10 sen

1. Visitor's fee per capita
including green fee

Sunday or National Holiday 2 yen

Week day 1 yen

For visitors, introduction

7 member is always
required

Admission fee: 10 sen for 9 holes.

- ⑧ General view of vegetable section of Korean market Day, Higo. 9/6/30.
- ⑨ Frying bean curd at small lunch stand at Market Day, Higo. Close. 9/6/30.
- ⑩ View of section of Korean lunch room on market Day, Higo. 9/6/30.
- ⑪ - The load of cucumbers. Higo. close 9/6/30
- ⑫ - Field of millet. near Higo. 9/6/30.

Film Pack #20

- ① View Futatabi Gate from opposite bank of river 9/6/30
- ② Korean woman going to market with basket of eggplants Higo. Close. 9/6/30

⑥ View of Kauling & soybean field. Row 21 in. Kauling, 5 ft apart 2 plants / unit with 3 hills of soybeans between Jidori. Chosen. 9/12/30

⑦ Close of view of Bromo-cyperus grass on edge of soybean field Jidori. 9/12/30
Erect bushy type

⑧ Closeup of rice plant in mixed plinth of cotton & many beans Jidori. 9/12/30

⑨ Grass on Jidori soil lower Jidori. Chosen 9/12/30
Zoysia pruriens sod

⑩ Close up view of Zoysia pruriens grass. Rather bumpy - Jidori. Chosen. 9/12/30

11 - Looking toward Great House. Chosen. Jidori. 9/12/30

developed

- ③ Beverly corn fields - Mr. Lutz. 9/6/30
- ④ Well-developed ear of corn Mr. Lutz. 9/6/30
- ⑤ View of stone mill for grinding many beans into paste, Heijo. 9/6/30
- ⑥ Native cotton on sale on Korean market day. Heijo, Chosen. 9/6/30
- ⑦ Bundles of native cotton and cotton dealers at Korean market day, Heijo. 9/6/30
- ⑧ View of Korean Temple for spirit of Dangi. Temple more than 1000 years old. Spirit shrine over 4385 yrs. Heijo. 9/7/30.
- ⑨ View of entrance to ancient Korean King's Tomb - 3 miles from Kusan. 9/7/30 - No record. Paintings

Film Pack #22

- ① View of small canton
tree () in forestry
garden of Shariin Ag. School.
Shariin. Dorsen. 9/10/30
- ② Close-up view of thick stand
of *Beschynomene indica*
growing in millet-soybean
field. Near Shariin. 9/10/30
- ③ Shelled green soybeans
at small Korean vegetable
market, Heijo. 9/11/30
- ④ View of bean curd, green
vegetable soybeans, and
boiled bean sprouts at stand
in open Korean market.
Heijo. 9/11/30
- ⑤ View of soybean-millet
field on steep hillside.
Millet harvested. About
2 miles west of Heijo. 9/11/30

⑩ View of mound covering
ancient Korean King's Tomb
near Kosai. 9/7/30

11. View of Korean Pavilion
near Kosai. 9/7/30

⑫ View of new building with
kooking roof over which
tiles are placed. Hugs. 9/8/30.

Film Pack # 21

① Scenes at cattle market Bay
near Hugs. Hugs. 9/8/30.

② View of rising kooking
stall for side of Korean
bldg. over which mound
will be placed. 9/8/30 Hugs.

③ View of end of bldg, Korean
showing kooking stall
Hugs. 9/8/30

Falm Park. # 21.

- ⑧ Close up view of largest stem variety of soybeans at Sharin Eye, Sta. 9/10/30 - Sharin.
- ⑨ Excellent field of soybeans on farm near Sharin. 9/10/30
- ⑩ Field of Sesame & cotton. Sharin. 9/10/30 - Sesame is never planted alone but scattered in other crops.
- ⑪ Soybeans, adzuki beans, mung beans & buckwheat in same rows. 9/10/30 - Sharin.
- ⑫ Close up of fasciated soybean plants in variety test at Sharin Eye - Sta. 9/10/30 - Variety test.

at right angle

- ④ View of millet-say bean field showing arrangement of beans after harvest of millet. Beans half way up end of millet ridge & about 5 ft. apart. Sharvin, 9/9/30
- ⑤ View of millet-say bean field looking looking lengthwise of rows after harvest of millet. Sharvin 9/9/30. Fertilizer used on millet
- ⑥ View looking lengthwise of millet say bean field after millet harvest. No fertilizer applied to millet. Sharvin, 9/9/30
- ⑦ Field of many beans & a denser beans planted in alternate rows 21 in. apart. Many bean leaves badly damaged. Near Sharvin: 9/10/30,

3 2 4 1

Soybeans, Millet, Wheat, sugar beets.

Millet - native - 12-16 bus.

" deep plowing - 20-30 "

Soybean - " - 12-16 "

" farm " 20-24 "

Butter mostly with deep plowing.
after 2 rotations, soybeans do
not yield so well. Growth is
too large.

Wheat - nat. 12-16 bus. per acre

Rye buttery 12-20 " "

Rye butter yield, then barley or
wheat.

Rye - 30-40 bus.

Barley - 10-15 "

native 800 lbs. per 1/4 acre

Sugar beets - farm 3000 " " 1/4 "

\$8.50 per 1000 km. to farmers

100 lbs - 1 1/2 H. out.
 60 lbs the per side
 60 lbs - 5 H. down. then think
 40 lbs from back
 50 lbs
 40 lbs

Johnson

295
 215
 80

525
 195
 350

2400

Seminole River

1260
 200
 840
 20
 200
 24
 22

210
 4
 840

Funny. V Victor 5049A
50494A

Impekingoshi, 13
7/14/30 4.40 P.m.
5.00 P.m.

9.30
10.00

4.52
5.52

Shia-Chia-ho-tzu

(Kagazashi)

1000 cattle a month
Beef & work cattle -
4 yr. - 90 year.
Bulls for breeding 150-250 year.
Cattle turned out day every 5 days
In this Co. average 10 cattle a
village 30 farms, in adjacent
prefecture 15 cattle & 30 farms.
Feeding time is grain with grass
in summer & millet straw and
wild hay in winter time. Hides made
perfectly suited for beef cattle.

Kennedy

400694 (32217) 2
Wildenborg

K824-B / Kissen

(32219) / Genetia 2001

Adeline

44072B - Korean papermaking
44072A - same as B

V.G. 49471B -
49471A - Kinn 2001

1502

1200

1600

100

1618

3315

1600

1618

84

323

3627

800

1500

1200

1618

110

4428

100

4528

50

1360

5938

326

6264

inwood
Sawdust
Sawdust
Sawdust

